

09/987,628

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

P. S. MOHANDAS et al.

Application No.: 09/987,628

Examiner: Nguyen, K

Filed: November 15, 2001

Group Art Unit: 2817

Attorney Docket No.: 01010-1002

Client Docket No.: CD01070

For: HIGH SPEED DIFFERENTIAL PREAMPLIFIER

Assistant Commissioner for Patents  
Washington, D.C. 20231**RESPONSE UNDER 37 CFR 1.111**

Dear Sir:

In response to the Office Action of September 25, 2002, please amend this application as follows:

**IN THE SPECIFICATION:**

Please amend the specification by inserting ¶ 16.5 after ¶ 16, and replacing ¶¶ 19 and 21 as follows. A marked-up version of the amended paragraphs is enclosed in the Appendix.

[16.5] FIG. 5 depicts one implementation of a constant current source.

[19] A constant current source 117, moreover, is coupled between the input node 103 and ground. The constant current source 117 is configured to sink to ground at least as much current from the input node 103 as the maximum signal current  $I_S$  produced by the photodiode 115 in response to light and returned through the feedback resistor 111.

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